

CHAPTER 11-55 APPENDIX A

DEPARTMENT OF HEALTH STANDARD GENERAL PERMIT CONDITIONS

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Note: All references to Title 40 of the Code of Federal Regulations (40 CFR) are to regulations that are in effect on July 1, 2001 unless otherwise specified. The Clean Water Act (Act) is also known as the Federal Water Pollution Control Act, as amended by the Clean Water Act of 1977, and appears at 33 U.S.C. §§1251 to 1387.

The permittee shall comply with the following standard conditions.

1. Basic water quality criteria (section 11-54-04)
 - a. The permittee shall not cause or contribute to a violation of the basic water quality criteria specified in section 11-54-04(a) which states:
 - "(a) All waters shall be free of substances attributable to domestic, industrial, or other controllable sources of pollutants, including:
 - (1) Materials that will settle to form objectionable sludge or bottom deposits;
 - (2) Floating debris, oil, grease, scum, or other floating materials;
 - (3) Substances in amounts sufficient to produce taste in the water or detectable off-flavor in the flesh of fish, or in amounts sufficient to produce objectionable color,

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turbidity, or other conditions in the receiving waters;

- (4) High or low temperatures; biocides; pathogenic organisms; toxic, radioactive, corrosive, or other deleterious substances at levels or in combinations sufficient to be toxic or harmful to human, animal, plant, or aquatic life, or in amounts sufficient to interfere with any beneficial use of the water;
- (5) Substances or conditions or combinations thereof in concentrations which produce undesirable aquatic life;
- (6) Soil particles resulting from erosion on land involved in earthwork, such as the construction of public works; highways; subdivisions; recreational, commercial, or industrial developments; or the cultivation and management of agricultural lands."

- b. The discharge shall not cause or contribute to a violation of the basic requirements of section 11-54-04(b).

2. Onshore or offshore construction

The applicable general permit does not authorize or approve the construction of any onshore or offshore physical structures or facilities or the undertaking of any work in any state waters.

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3. Sampling requirements and definitions

(a) Sampling Points

All samples shall be taken at the monitoring points specified in the applicable general permit and, unless otherwise specified, before the effluent joins or is diluted by any other wastestream, body of water, or substance. Monitoring points shall not be changed without notification to and the approval of the director. No discharge is authorized which does not totally pass through the final monitoring point.

(b) Flow Measurements

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the volume of discharges. The devices shall be installed, calibrated and maintained to ensure that the accuracy of the measurements is consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than plus or minus ten per cent from the true discharge rates throughout the range of expected discharge volumes. Once-through condenser cooling water flow which is monitored by pump logs or pump hour meters as specified in the applicable general permit based on the manufacturer's pump curves shall not be subject to this requirement. Guidance in selection, installation, calibration, and operation of acceptable flow measurement devices can be obtained from the following references:

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- (1) "A Guide of Methods and Standards for the Measurement of Water Flow," U.S. Department of Commerce, National Bureau of Standards, NBS Special Publication 421, May 1975, 97 pp. (Available from the U.S. Government Printing Office, Washington, D.C. 20402. Order by SD catalog No. C13.10:421.)
- (2) "Water Measurement Manual," U.S. Department of Interior, Bureau of Reclamation, Second Edition, Revised Reprint, 1974, 327 pp. (Available from the U.S. Government Printing Office, Washington, D.C. 20402. Order by catalog No. 127.19/2:W29/2, Stock No. S/N 24003-0027.)
- (3) "Flow Measurement in Open Channels and Closed Conduits," U.S. Department of Commerce, National Bureau of Standards, NBS Special Publication 484, October 1977, 982 pp. (Available in paper copy or microfiche from National Technical Information Service (NTIS), Springfield, VA 22151. Order by NTIS No. PB-273 535/5ST.)
- (4) "NPDES Compliance Flow Measurement Manual," U.S. Environmental Protection Agency, Office of Water Enforcement, Publication MCD-77, September 1981, 135 pp. (Available from the General Services Administration (8BRC), Centralized Mailing Lists Services, Building 41, Denver Federal Center, Denver, CO 80225.)

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(c) Calibration

The permittee shall periodically calibrate and perform maintenance on all monitoring and analytical equipment used to monitor the pollutants discharged under the applicable general permit, at intervals which will ensure the accuracy of measurements, but no less than the manufacturer's recommended intervals or six-month intervals (whichever comes first). Records of calibration shall be kept under section 14.

(d) pH Effluent Limitations Under Continuous Monitoring

If the permittee continuously measures the pH of the effluent under a requirement or option in the applicable general permit, excursions from the range provided in the general permit or as specified in chapter 11-54 are permitted, provided:

- (1) The pH limitation in the general permit is based upon a requirement imposed under 40 CFR Subchapter N, Effluent Guidelines and Standards;
- (2) The total time during which the pH values are outside the required range of pH values shall not exceed four hundred forty-six minutes in any calendar month;
- (3) No individual excursions from the range of pH values shall exceed sixty minutes; and
- (4) For purposes of this section, an "excursion" is an unintentional and temporary incident in which the pH value

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of the effluent exceeds the range set forth in the applicable general permit. The number of individual excursions exceeding sixty minutes and the total accumulated excursion time in minutes occurring in any calendar month shall be reported in accordance with the applicable general permit.

(e) Average

As used in the applicable general permit, unless otherwise stated, the term "average" means the arithmetic mean of values taken at the frequency required for each parameter over the specified period. For fecal coliform, enterococcus, or *clostridium perfringens*, the "average" shall be the geometric mean. For total coliform, the "average" shall be the median.

(f) Mass/Day Measurements

- (1) The "daily discharge" is the total mass (weight) of a pollutant discharged during a calendar day. The daily discharge shall be determined by using the following equations:

$$\text{Daily Discharge(lbs/day)} = 8.34 \times Q \times C;$$

$$\text{Daily Discharge(kg/day)} = 3.785 \times Q \times C;$$

and

where "C" (in mg/l) is the measured daily concentration of the pollutant and "Q" (in million gallons per day) is the measured effluent flow rate for the same calendar day.

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If only one sample is taken during any calendar day, the mass (weight) of pollutant discharged that is calculated from it is the "daily discharge."

- (2) The "average monthly discharge" is defined as the total mass of all daily discharges sampled or measured or both during a calendar month on which daily discharges are sampled and measured, divided by the number of daily discharges sampled or measured or both during such month. It is, therefore, an arithmetic mean found by adding the weights of the pollutant found each day of the month and then dividing this sum by the number of days. This limitation is identified as "Monthly Average" in the applicable general permit and the average monthly discharge value is reported in the "Average" column under "Quantity" on the discharge monitoring report form.
- (3) The "average weekly discharge" is defined as the total mass of all daily discharges sampled or measured or both during the calendar week in which daily discharges are sampled or measured or both. It is, therefore, an arithmetic mean found by adding the weights of pollutants found each day of the week and then dividing this sum by the number of days. This limitation is identified as "Weekly Average" in the applicable general permit and the average weekly discharge value is reported in the "Maximum" column under "Quantity" on the discharge monitoring report form.

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- (4) The "maximum daily discharge" is the highest daily discharge value recorded, sampled, or measured during the reporting period. This limitation is identified as "Daily Maximum" in the applicable general permit and the maximum daily discharge value is reported in the "Maximum" column under "Quantity" on the discharge monitoring report form.

(g) Concentration Measurements

- (1) The "daily concentration" is the concentration of a pollutant discharged during a calendar day. It is equal to the concentration of a composite sample or in the case of grab samples, it is the arithmetic mean (weighted by flow value) of all samples collected during that calendar day. If only one sample is taken during any calendar day, it represents the "daily concentration."
- (2) The "average monthly concentration," other than for fecal coliform, enterococcus, *clostridium perfringens*, or total coliform, is the sum of the daily concentrations sampled or measured or both divided by the number of daily discharges sampled or measured or both during such month (arithmetic mean of the daily concentration values). The average monthly count for fecal coliform, enterococcus, or *clostridium perfringens* is the geometric mean of the counts for samples collected during a calendar month. The average monthly count for total coliform is the median of the counts for samples collected (not

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less than five discrete samples) during a calendar month. This limitation is identified as "Monthly Average" or "Daily Average" under "Other Limits" in the applicable general permit and the average monthly concentration value is reported under the "Average" column under "Quality" on the discharge monitoring report form.

- (3) The "average weekly concentration," other than for fecal coliform, enterococcus, or *clostridium perfringens*, or total coliform, is the sum of the concentrations of all daily discharges sampled or measured or both during a calendar week on which daily discharges are sampled and measured divided by the number of daily discharges sampled or measured or both during such week (arithmetic mean of the daily concentration values). The average weekly count for fecal coliform, enterococcus, or *clostridium perfringens* is the geometric mean of the counts for samples collected during a calendar week. The average weekly count for total coliform is the median of the counts for samples collected during a calendar week. This limitation is identified as "Weekly Average" under "Other Limits" in the applicable general permit and the average weekly concentration value is reported under the "Maximum" column under "Quality" on the discharge monitoring report form.
- (4) The "maximum daily concentration" is the highest daily concentration value recorded, sampled, or measured during

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the reporting period. This limitation identified as "Daily Maximum" under "Other Limits" in the applicable general permit and the maximum daily concentration is reported under the "Maximum" column under "Quality" on the discharge monitoring report form.

- (h) The effluent flow expressed as cubic meters per day or million gallons per day (MGD), is the 24-hour average flow averaged monthly. It is the arithmetic mean of the total daily flows recorded during the calendar month. Where monitoring requirements for flow are specified in the applicable general permit, the flow rate values are reported in the "Average" column under "Quantity" on the discharge monitoring report form.
- (1) An "instantaneous flow measurement" is a measure of flow taken at the time of sampling, when both the sample and flow will be representative of the total discharge.
- (2) Where monitoring requirements for pH, dissolved oxygen or fecal coliform, enterococcus, or *clostridium perfringens* are specified in the applicable general permit, the values are generally reported in the "Quality or Concentration" column on the discharge monitoring report form.
- (i) The "arithmetic mean" of any set of values is the summation of the individual values divided by the number of individual values.
- (j) The "geometric mean" of any set of values is the Nth root of the product of the individual

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values where N is equal to the number of individual values. The geometric mean is equivalent to the antilog of the arithmetic mean of the logarithms of the individual values. For purposes of calculating the geometric mean, values of zero shall be considered to be one.

- (k) "Weighted by flow value" means the summation of each concentration times its respective flow divided by the summation of the respective flows.
- (l) The "median" of any set of ordered values is the value below and above which there is an equal number of values or which is the arithmetic mean of the two middle values if there is no one middle number.
- (m) A calendar day is defined as the period from midnight of one day until midnight of the next day. However, for the purposes of the applicable general permit, any consecutive 24-hour period that reasonably represents the calendar day may be used for sampling.
- (n) "Removal efficiency" is the ratio of pollutants removed by the treatment unit to pollutants entering the treatment unit. Removal efficiencies of a treatment plant shall be determined using the average monthly concentrations (C, in mg/l) of influent and effluent samples collected about the same time and the following equation (or its equivalent):

$$\text{Removal Efficiency (per cent)} = 100 \times \left(1 - \frac{C_{\text{effluent}}}{C_{\text{influent}}}\right)$$

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4. Duty to reapply

If the permittee wishes to continue an activity regulated by the applicable general permit after the expiration of the notice of general permit coverage or in the case of automatic coverage, the expiration of the general permit itself, the permittee shall follow the procedures as specified in sections 11-55-34.08 and 11-55-34.09.

5. Applications (comply with 40 CFR §122.22)

6. Duty to comply (comply with 40 CFR §122.41(a))

7. Need to halt or reduce activity not a defense (comply with 40 CFR §122.41(c))

8. Duty to mitigate (based in part on 40 CFR §122.41(d))

The permittee shall take all reasonable steps to minimize or prevent any discharge or sludge use or disposal in violation of the applicable general permit or applicable law.

9. Proper operation and maintenance (comply with 40 CFR §122.41(e))

10. Permit actions (comply with 40 CFR §122.41(f))

11. Property rights (comply with 40 CFR §122.41(g))

12. Duty to provide information (comply with 40 CFR §122.41(h))

13. Inspection and entry (comply with 40 CFR §122.41(i))

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14. Monitoring and records (based in part on 40 CFR §122.41(j))

- (a) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.

As used in this section, a representative sample means that the content of the sample shall:

- (1) Be identical to the content of the substance sampled at the time of the sampling;
- (2) Accurately represent the monitored item (for example, sampling to monitor final effluent quality shall accurately represent that quality, even though the sampling is done upstream of the discharge point); and
- (3) Accurately represent the monitored item for the monitored time period (for example, sampling to represent monthly average effluent flows shall be taken at times and on days that cover significant variations). Representative sampling may include weekends and storm events and may mean taking more samples than the minimum number specified elsewhere in the applicable general permit.

The burden of proving that sampling or monitoring is representative is on the permittee.

- (b) Except for records of monitoring information required by the applicable general permit related to the permittee's sewage sludge use

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and disposal activities, which shall be retained for a period of at least five years (or longer as required by 40 CFR Part 503), the permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by the applicable general permit, and records of all data used to complete the application for the applicable general permit, for a period of at least three years from the date of the sample, measurement, report or application. This period may be extended by request of the director at any time.

- (c) Records of monitoring information shall include:
 - (1) The date, exact place, and time of sampling or measurements;
 - (2) The individual(s) who performed the sampling or measurements;
 - (3) The date(s) the analyses were performed;
 - (4) The individual(s) who performed the analyses;
 - (5) The analytical techniques or methods used; and
 - (6) The results of the analyses.
- (d) Monitoring must be conducted according to test procedures approved under 40 CFR Part 136 or, in the case of sludge use or disposal, approved under 40 CFR Part 136

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unless otherwise specified in 40 CFR Part 503, unless other test procedures have been specified in the applicable general permit.

- (e) The Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained by the applicable general permit shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than two years per violation, or by both for a first conviction. For a second conviction, the person is subject to a fine of not more than \$20,000 per day of violation, or by imprisonment for not more than four years, or both. (Updated under the Water Quality Act of 1987)

- 15. Signatory requirement (comply with 40 CFR §§122.22 and 122.41(k))
- 16. Reporting requirements (comply with 40 CFR §122.41(l))
- 17. Bypass (based in part on 40 CFR §122.41(m))

(a) Definitions

- (1) "Bypass" means the intentional diversion of any waste streams from any portion of a treatment facility.
- (2) "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a

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bypass. Severe property damage does not mean economic loss caused by delays in production.

- (b) Prohibition of bypass. Every bypass is prohibited, and the director may take enforcement action against a permittee for bypass, except as provided in section 17(c).
- (c) Exceptions to bypass prohibition
 - (1) Bypass not exceeding limitations. A bypass is allowable under this paragraph only if it does not cause any effluent limitation to be exceeded, and only if the bypass is necessary for essential maintenance to assure efficient operation.
 - (2) Bypass unavoidable to prevent specified harm. A bypass is allowable under this paragraph if:
 - (A) The bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
 - (B) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment

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downtime or preventative
maintenance; and

(C) The permittee submitted notices as
required under section 17(d).

(3) Approved anticipated bypass. An
anticipated bypass is allowable if the
director approves it. The director
shall approve the anticipated bypass
only if the director receives
information sufficient to show
compliance with section 17(c)(2),
including information on the potential
adverse effects with and without the
bypass, and information on the search
for and the availability of
alternatives, whether the permittee
ultimately considers the alternatives
feasible or not.

(d) Notice

(1) Anticipated bypass. If the permittee
knows in advance of the need for a
bypass, the permittee shall submit prior
notice, if possible at least ten days
before the date of the bypass.

(2) Unanticipated bypass. The permittee
shall report unanticipated bypasses.

(A) Reports required by the reporting
requirements of the applicable
general permit shall be made in
accordance with that section. If
the permittee questions whether the
reporting requirements of the
applicable general permit applies,
it shall follow the reporting

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requirements of the applicable general permit;

(B) For all other bypasses, reports shall be made orally within twenty-four hours from the time the permittee becomes aware of the bypass. Written reports may be required on a case-by-case basis.

(e) Burden of proof. In any enforcement proceeding the party seeking to establish that any exception to the bypass prohibition applies has the burden of proof. Proof that effluent limitations were met requires effluent monitoring during the bypass.

18. Upset (based in part on 40 CFR §122.41(n))

- (a) Definition. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.
- (b) Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with the technology based permit effluent limitations if the requirements of section 18(c) are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for

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noncompliance, is final administrative action subject to judicial review.

- (c) Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
 - (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
 - (2) The permitted facility was at the time being properly operated;
 - (3) The permittee submitted within twenty-four hours a notice of any upset which exceeded any effluent limitation in the applicable general permit; and
 - (4) The permittee complied with any remedial measures required under 40 CFR §122.41(d).
 - d. Burden of proof. In any enforcement proceeding, any person seeking to establish the occurrence of an upset has the burden of proof.
- 19. Existing manufacturing, commercial, mining, and silvicultural dischargers (comply with 40 CFR §122.42(a))
 - 20. Publicly owned treatment works (comply with 40 CFR §122.42(b))
 - 21. Reopener clause (comply with 40 CFR §122.44(c) and 40 CFR §125.123(d)(4))

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22. Privately owned treatment works (The following conditions were established by EPA Region 9 to enforce applicable requirements of the Resource Conservation and Recovery Act and 40 CFR §122.44(m))

This section applies only to privately owned treatment works as defined at 40 CFR §122.2.

- (a) Materials authorized to be disposed of into the privately owned treatment works and collection system are typical domestic sewage. Unauthorized materials are hazardous waste (as defined at 40 CFR Part 261), motor oil, gasoline, paints, varnishes, solvents, pesticides, fertilizers, industrial wastes, or other materials not generally associated with toilet flushing or personal hygiene, laundry, or food preparation, unless specifically listed under "Authorized Non-domestic Sewer Dischargers" elsewhere in the applicable general permit. The Domestic Sewage Exclusion (40 CFR §261.4) does not apply to hazardous wastes mixed with domestic sewage in a sewer leading to a privately owned treatment works.
- (b) It is the permittee's responsibility to inform users of the privately owned treatment works and collection system of the prohibition against unauthorized materials and to ensure compliance with the prohibition. The permittee must have the authority and capability to sample all discharges to the collection system, including any from septic haulers or other unsewered dischargers, and shall take and analyze such samples for conventional, toxic, or hazardous pollutants when instructed by the permitting authority or by an EPA or state inspector. The permittee must provide

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adequate security to prevent unauthorized discharges to the collection system.

- (c) Should a user of the privately owned treatment works desire authorization to discharge non-domestic wastes, the permittee shall submit a request for permit modification and an application, under 40 CFR §122.44(m), describing the proposed discharge. The application shall, to the extent possible, be submitted using forms provided by the Administrator, unless another format is requested by the permitting authority. If the privately owned treatment works or collection system user is different from the permittee, and the permittee agrees to allow the non-domestic discharge, the user shall submit the application and the permittee shall submit the applicable general permit modification request. The application and request for modification shall be submitted at least six months before authorization to discharge non-domestic wastes to the privately owned treatment works or collection system is desired.

- 23. Transfers by modification (comply with 40 CFR §122.61(a))
- 24. Automatic transfers (comply with 40 CFR §122.61(b) and section 11-55-34.08(i)(2))
- 25. Minor modification of permits (comply with 40 CFR §122.63)
- 26. Termination of permits (comply with 40 CFR §122.64)
- 27. Removed substances (under Sections 301 and 405 of the Act and 40 CFR §125.3(g))

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Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters shall be disposed of in a manner which prevents any pollutant from the materials from entering state waters.

28. Availability of reports (under Section 308 of the Act)

Except for data determined to be confidential under 40 CFR Part 2, all reports prepared in accordance with the terms of the applicable general permit shall be available for public inspection at the offices of the director. As required by the Act, permit applications, permits, and effluent data shall not be considered confidential.

29. Civil and criminal liability (under Section 309 of the Act)

Except as provided in the applicable general permit conditions on "Bypass" (section 17) and "Upset" (section 18), nothing in the applicable general permit shall be construed to relieve the permittee from civil or criminal penalties or remedies for noncompliance.

30. Oil and hazardous substance liability (under Section 311 of the Act)

Nothing in the applicable general permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under Section 311 of the Act.

31. Federal facility construction (under Section 313(b) of the Act)

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Construction shall not be initiated for facilities for treatment of wastewater at any federal property or facility if alternative methods for wastewater treatment at the property or facility utilizing innovative treatment processes and techniques, including, but not limited to, methods utilizing recycle and reuse techniques and land treatment are not utilized, unless the life cycle cost of the alternative treatment works exceeds the life cycle cost of the most effective alternative by more than fifteen per cent.

32. State law (under Section 510 of the Act)

Nothing in the applicable general permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established under any applicable state law or regulation.

33. Severability (under Section 512 of the Act)

The provisions of the applicable general permit are severable and if any provision of the applicable general permit, or the application of any provision of the applicable general permit to any circumstance, is held invalid, the application of the provision to other circumstances, and the remainder of the applicable general permit, shall not be affected thereby.

34. Notice of Intent Requirements (comply with section 11-55-34.08)

The owner or its duly authorized representative shall include the following information in the notice of intent (NOI):

- (a) Legal name(s), street address, contact person's name and position title, and

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telephone and fax numbers of the owner and operator and duly authorized representative, if applicable.

For a construction activity, the operator is usually the general contractor. In this case, the general contractor's legal name, street address, contact person's name and position title, and telephone and fax numbers shall be submitted to the director with the notice of intent or thirty days before the start of construction activities;

- (b) Ownership status as federal, state, private, public or other entity;
- (c) Name, street address, island, tax map key number(s), contact person's name and position title, and telephone and fax numbers of the facility or project for which the notice of intent is submitted;
- (d) Name(s) of the receiving state water(s) that the effluent enters or will enter, the latitude and longitude of each outfall or discharge point to the nearest receiving state water(s) or separate storm water drainage system, and the classification of the receiving state water(s).

If the effluent initially enters a separate storm water drainage system, the owner or its duly authorized representative shall provide the following information:

- (1) Name of the owner of the drainage system; and
- (2) Copy of the permit, license, or equivalent written approval granted by the owner(s) of the drainage system(s)

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allowing the subject discharge to enter their drainage system(s).

- (e) Type of general permit required for the proposed discharge;
- (f) Quantity of discharge; the source of the discharge; and the period of discharge, i.e., continuous, seasonal, occasional, or emergency;
- (g) Topographic map or maps of the area on 8-1/2 by 11 inches sized paper extending at least one mile beyond the property boundaries of the site which clearly show the following:
 - (1) Legal boundaries of the site;
 - (2) Location and an identification number for each of the site's existing and proposed intake and discharge structures.

If the intake or discharge structure associated with the site is located less than one mile from the construction site or treatment system(s) or control device(s) associated with the site(s), the owner or its duly authorized representative shall show it on the map. If not, the owner or its duly authorized representative shall attach additional sheets describing the location of the structure or disposal site and identify it on a 7-1/2 minute series U.S. Geological Survey or other map corresponding to the location. If a 7-1/2 minute series map has not been published for the site, then the owner or its duly authorized representative shall use a 15 minute series map from

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the U.S. Geological Survey. If neither a 7-1/2 nor 15 minute series map has been published for the site, the owner or its duly authorized representative shall use a plat map or other appropriate map, including all of the required information; and

- (3) Receiving state water(s) or receiving storm water drainage system(s) identified and labeled.
- (h) Flow chart or line drawing showing the general route taken by the discharge from the intake or source to the discharge point. The owner or its duly authorized representative shall show any treatment system(s) or erosion control(s) used or to be used for new discharges. The flow contributed by each source may be estimated if no data is available; and
- (i) List of existing or pending permits, licenses, or approvals and corresponding file numbers.

